



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Agency Interest No. 9292
Activity No.: PER20060001

Greg A. Smith
Post Office Box 2648
Houston, Texas 77252-2648

RE: Operating permit renewal, St. James – Capline Terminal, Shell Pipeline Company LP, St. James, St. James Parish, Louisiana

Dear Mr. Smith:

This is to inform you that the permit renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and Agency Interest Number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2006.

Permit No.: 2560-00041-V1

Sincerely,

Chuck Carr Brown, Ph.D.

Assistant Secretary

CCB/DCN

cc: EPA Region 6

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

P:225-219-3181 F:225-219-3309

WWW.DEQ.LOUISIANA.GOV

**AIR PERMIT BRIEFING SHEET
OFFICE OF ENVIRONMENTAL SERVICES
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**ST. JAMES – CAPLINE TERMINAL
AGENCY INTEREST NO. 9292
SHELL PIPELINE COMPANY LP
ST. JAMES, ST. JAMES PARISH, LOUISIANA**

I. Background

Shell Pipeline Company LP owns and operates the St. James – Capline Terminal near St. James, St. James Parish, under Permit 2560-00041-V0, dated April 29, 2002.

II. Origin

A permit application and Emission Inventory Questionnaire, dated October 5, 2006 were submitted, requesting a Part 70 operating permit renewal.

III. Description

Crude oil from pipelines, tankers, and barged is received and temporarily stored in external floating roof tanks at the St. James - Capline Terminal. Crude oil is then transported off-site by pipelines. Crude oil throughput at the terminal is limited by two federally enforceable conditions (caps). Emissions are from storage tanks, generators, sumps, and fugitives. Shell Pipeline Company requested a Part 70 operating permit renewal for the terminal. The gasoline tank is removed while operating times of two generators are increased. Emissions from the terminal were recalculated based on updated emissions factors and actual operating conditions. Permitted emissions in tons per year are as follows:

Pollutant	Permitted	Proposed	Change
PM ₁₀	0.02	0.31	+ 0.29
SO ₂	0.02	0.28	+ 0.26
NO _x	0.44	5.60	+ 5.16
CO	0.18	3.20	+ 3.02
VOC, total	119.98	137.41	+ 17.43

IV. Type of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations and NSPS. NESHAP and PSD do not apply. The terminal is a minor source of toxic air pollutants (TAP).

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The terminal is considered contiguous and under common control with the St. James Pump Station and the Sugarland Terminal. Permitted/Potential emissions from these facilities in tons per year are as follows:

Pollutant	St. James Capline Terminal	St. James Pump Station	Sugarland Terminal	Total Emissions
PM ₁₀	0.31	-	0.53	0.84
SO ₂	0.28	-	0.50	0.78
NO _x	5.60	-	7.63	13.23
CO	3.20	-	1.87	5.07
VOC, total	137.41	0.12	132.51	270.04

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the proposed permit was published in *The Advocate*, (Baton Rouge, LA) and in the XXXX, (XXX, LA) on XXX, 2006. The notice was also mailed to individuals and organizations on the mailing list of the facility and published in the Office of Environmental Services Public Notice Mailing List on XXX, 2006. The permit application, the proposed permit, and the Statement of Basis were submitted to the XXX Branch, St. James Parish Library, on XXX, 2006. The proposed permit and the Statement of Basis were submitted to United States Environmental Protection Agency (US EPA) Region VI. All comment will be considered prior to a permit decision.

VII. Effects on Ambient Air

Dispersion Model Used: None

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VIII. General Condition XVII Activities

Description	Emissions (TPY)
Sampling Procedures	< 0.01
Pump Preparation	< 0.01
Line Preparation	< 0.01
Vessel Preparation	< 0.01
Filter Replacements	< 0.01
Instrumentation Mechanical Work	< 0.01
Tank Cleaning for Inspection/Service	< 0.01
Shop Work on Unit Equipment	0.01
Safety Inspections/Checks on Pressure/Vacuum Vents and Tanks	< 0.01
Tank Gauging	< 0.01
Valve Maintenance	< 0.01

IX. Insignificant Activities (LAC 33:III.501.B.5)

ID No.:	Description	Capacity	Citation
	Hydraulic Oil Tanks (2)	500 gallons each	A.3
	Diesel Storage Tank	500 gallons	A.3
	Varsol Storage Tank	470 gallons	A.3
	Corrosion Inhibitor Storage Tanks	200 gallons each	A.2
	Hydraulic Oil Tanks (3)	150 gallons each	A.2
	Hydraulic Oil Drums	55 gallons each	A.2
	Gear Oil Drums	55 gallons each	A.2
	Lube Oil Drums	55 gallons each	A.2
	Antifreeze Drums	55 gallons each	A.2
	Sample Pots (14)	30 gallons	A.2

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.						LAC 33:III, Chapter						
		509	2103	2111	2113	2116	2121	5▲	9	11	13	15	51*	52
EQT002	T-502 – Crude Oil Storage Tank													
EQT003	T-503 – Crude Oil Storage Tank													
EQT004	T-504 – Crude Oil Storage Tank													
EQT005	T-505 – Crude Oil Storage Tank													
EQT006	T-506 – Crude Oil Storage Tank													
EQT007	T-507 – Crude Oil Storage Tank													
EQT008	T-508 – Crude Oil Storage Tank													
EQT009	T-509 – Crude Oil Storage Tank													
EQT010	T-510 – Crude Oil Storage Tank													
EQT011	T-511 – Crude Oil Storage Tank													
EQT012	T-512 – Crude Oil Storage Tank													
EQT013	T-513 – Crude Oil Storage Tank													
EQT014	T-514 – Crude Oil Storage Tank													
EQT015	T-515 – Crude Oil Storage Tank													
EQT016	T-516 – Crude Oil Storage Tank													
EQT017	T-517 – Crude Oil Storage Tank													
EQT018	T-518 – Crude Oil Storage Tank													
EQT019	T-519 – Crude Oil Storage Tank													
EQT020	T-520 – Crude Oil Storage Tank													
EQT021	T-500 – Crude Oil Storage Tank													
EQT022	T-501 – Crude Oil Storage Tank													
EQT024	121 - Sump													
EQT025	122 - Sump													

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		509	2103	2111	2113	2116	2121	5▲	9	11	13	15	51*	52	56
EQT026	123 - Sump														
EQT027	124 - Sump														
EQT028	GEN-1 – Generator Engine												1	1	1
EQT029	GEN-2 – Generator Engine												1	1	1
FUG001	FE-1 – Fugitive Emissions						1								
GRP001	Crude Oil Storage Tanks Cap 1														
GRP002	Crude Oil Storage Tanks Cap 1														
GRP003	St. James – Capline Terminal						1						3	1	3

KEY TO MATRIX

- 1 -The regulations have applicable requirements which apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
 - 2 -The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
 - 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.
Blank – The regulations clearly do not apply to this type of emission source.
- * The regulations indicated above are State Only regulations.
- ▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the “Specific Requirements” report specifically states that the regulation is State Only.

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63						40 CFR							
		A	Db	K	Kb	G	KKK	LLL	A	J	FF	A	HH	ZZZZZ	64	68	72										
EQT002	T-502 – Crude Oil Storage Tank																										
EQT003	T-503 – Crude Oil Storage Tank																										
EQT004	T-504 – Crude Oil Storage Tank																										
EQT005	T-505 – Crude Oil Storage Tank																										
EQT006	T-506 – Crude Oil Storage Tank																										
EQT007	T-507 – Crude Oil Storage Tank																										
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 - 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.
- Blank – The regulations clearly do not apply to this type of emission source.

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT002, EQT003, EQT004	NSPS Subpart K for storage tanks	Does not apply	40 CFR 60.110(c)(2)	No construction/modification after June 11, 1973
EQT012 – EQT017				
EQT021, EQT022				
EQT028, EQT029	LAC 33:III.1503.C. Emission Standards for Sulfur Dioxide	Exempt	LAC 33:III.1503.C	SO ₂ emissions < 250 tons/year
	LAC 33:III.1511 CEM for SO ₂	Exempt	LAC 33:III.1511.A	SO ₂ emissions < 100 tons/year
GRP001	LAC 33:III.Chapter 51	Does not apply	LAC 33:III.5101	The terminal is considered a minor source of Toxic Air Pollutants

The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section X of this permit

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the

40 CFR PART 70 GENERAL CONDITIONS

individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 - 5. changes in emissions would not qualify as a significant modification; and

40 CFR PART 70 GENERAL CONDITIONS

6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

40 CFR PART 70 GENERAL CONDITIONS

- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated October 5, 2006.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
 - A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 1. Report by June 30 to cover January through March
 2. Report by September 30 to cover April through June
 3. Report by December 31 to cover July through September
 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:1.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 9292 Shell Pipeline Co LP - St James Capline Pipeline Station
Activity Number: PER20060001
Permit Number: 2560-00041-V1
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	2560-00041	Shell Pipeline Co LP - St James Capline Pipeline Station	CDS Number	09-09-1998
	2560-0041	Shell Pipeline Co LP - St James Capline Pipeline Station	Emission Inventory	03-03-2004
	74-0895260	Federal Tax ID	Federal Tax ID	11-21-1999
	LAD982557449	St. James Terminal	Hazardous Waste Notification	05-01-2002
	LA0077178	LPDES #	LPDES Permit #	09-18-2003
	LAG340044	WPC File Number	LPDES Permit #	06-25-2003
	WPA259	WPC State Permit Number	LWDPS Permit #	06-25-2003
	7309	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
	G-093-3210	Equilon Pipeline Co	Solid Waste	01-08-2002
	G-093-6088	Site Id #	Solid Waste Facility No.	10-23-2001
	32801	Equilon Capline Facility	TEMPO Merge	05-05-2002
	36539	Equilon Pipeline Co LLC	TEMPO Merge	11-11-2001
	41416	Equilon Pipeline Co LLC - St James Terminal	TEMPO Merge	08-19-2001
	71533	Capline Terminal	TEMPO Merge	08-26-2004
	47008449	UST Facility ID (from UST legacy data)	Underground Storage Tanks	10-12-2002
Physical Location:		6770 Hwy 18 St. James, LA 70086	Main Phone:	5047283570
Mailing Address:		PO Box 2648 Houston, TX 772522163		
Location of Front Gate:		30° 1' 14" latitude, 90° 50' 31" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Sondra Bienvenu	PO Box 2648 Houston, TX 772522648	7132415036 (WP)	Employed by
	Sondra Bienvenu	PO Box 2648 Houston, TX 772522648	7132415036 (WP)	Haz. Waste Billing Party for
	Michael O. Clement	PO Box 52163 New Orleans, LA 701522163	5047283570 (WP)	Water Permit Contact For
	Mike Holevinski	PO Box 63 St. James, LA 70088		Radiation Contact For
	Joe Miller	PO Box 2648 Houston, TX 772522648		Water Billing Party for
	G. Schulze	PO Box 52163 New Orleans, LA 701522163	5047283583 (WP)	Air Permit Contact For
	W.C. Ezell		(504) 588-7834 (WP)	Underground Storage Tank Contact for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Shell Pipe Line Corp.	P.O. Box 52163 New Orleans, LA 70152	504 588-4825 (WP)	Owns
	Shell Pipe Line Corp.	P.O. Box 52163 New Orleans, LA 70152	504 588-4825 (WP)	UST Billing Party for
	Shell Pipeline Co LLC	PO Box 63 St. James, LA 70088		Radiation Registration Billing Party for

General Information**AI ID: 9292 Shell Pipeline Co LP - St James Capline Pipeline Station****Activity Number: PER20060001****Permit Number: 2560-00041-V1****Air - Title V Regular Permit Renewal**

Related Organizations:	Name	Address	Phone (Type)	Relationship
Shell Pipeline Co LP	PO Box 52163	New Orleans, LA 701522163	5047283570 (WP)	Air Billing Party for
Shell Pipeline Co LP	PO Box 52163	New Orleans, LA 701522163	5047283570 (WP)	Owns
Shell Pipeline Co LP	PO Box 52163	New Orleans, LA 701522163	5047283570 (WP)	Operates

SIC Codes:
4612, Crude petroleum pipelines

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
 Activity Number: PER20060001
 Permit Number: 2560-000041-V1
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT002	T-502 - Crude Oil Storage Tank	360000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT003	T-503 - Crude Oil Storage Tank	120000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT004	T-504 - Crude Oil Storage Tank	360000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT005	T-505 - Crude Oil Storage Tank	400000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT006	T-506 - Crude Oil Storage Tank	400000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT007	T-507 - Crude Oil Storage Tank	400000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT008	T-508 - Crude Oil Storage Tank	400000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT009	T-509 - Crude Oil Storage Tank	400000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT010	T-510 - Crude Oil Storage Tank	400000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT011	T-511 - Crude Oil Storage Tank	400000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT012	T-512 - Crude Oil Storage Tank	240000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT013	T-513 - Crude Oil Storage Tank	240000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT014	T-514 - Crude Oil Storage Tank	240000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT015	T-515 - Crude Oil Storage Tank	240000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT016	T-516 - Crude Oil Storage Tank	240000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT017	T-517 - Crude Oil Storage Tank	240000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT018	T-518 - Crude Oil Storage Tank	400000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT019	T-519 - Crude Oil Storage Tank	400000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT020	T-520 - Crude Oil Storage Tank	340000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT021	T-500 - Crude Oil Storage Tank	360000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT022	T-501 - Crude Oil Storage Tank	120000 bbl			Crude Oil	8760 hr/yr (All Year)
EQT024	121 - Sump	4229 gallons				8760 hr/yr (All Year)
EQT025	122 - Sump	4229 gallons				8760 hr/yr (All Year)
EQT026	123 - Sump	3231 gallons				8760 hr/yr (All Year)
EQT027	124 - Sump	3231 gallons				8760 hr/yr (All Year)
EQT028	GEN-1 - Generator Engine		380 horsepower			192 hr/yr (All Year)
EQT029	GEN-2 - Generator Engine		227 horsepower			672 hr/yr (All Year)
FUG001	FE-1 - Fugitive Emissions					8760 hr/yr (All Year)

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP001	Crude Oil Storage Tanks Cap 1	EQT2 T-502 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT4 T-504 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT5 T-505 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT6 T-506 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT7 T-507 - Crude Oil Storage Tank

INVENTORIES

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
 Activity Number: PER2006001
 Permit Number: 2560-00041-V1
 Air - Title V Regular Permit Renewal

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP001	Crude Oil Storage Tanks Cap 1	EQT8 T-508 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT9 T-509 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT10 T-510 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT11 T-511 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT12 T-512 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT13 T-513 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT14 T-514 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT15 T-515 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT16 T-516 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT17 T-517 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT18 T-518 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT19 T-519 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT20 T-520 - Crude Oil Storage Tank
GRP001	Crude Oil Storage Tanks Cap 1	EQT21 T-500 - Crude Oil Storage Tank
GRP002	Crude Oil Storage Tanks Cap 2	EQT3 T-503 - Crude Oil Storage Tank
GRP002	Crude Oil Storage Tanks Cap 2	EQT22 T-501 - Crude Oil Storage Tank
GRP003	St. James Capline Terminal	A9292

Relationships:**Stack Information:**

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT002	T-502 - Crude Oil Storage Tank			9.59	30	70
EQT003	T-503 - Crude Oil Storage Tank			5.56	30	70
EQT004	T-504 - Crude Oil Storage Tank			9.59	30	70
EQT005	T-505 - Crude Oil Storage Tank			9.59	34	70
EQT006	T-506 - Crude Oil Storage Tank			9.59	34	70
EQT007	T-507 - Crude Oil Storage Tank			9.59	34	70
EQT008	T-508 - Crude Oil Storage Tank			9.59	34	70
EQT009	T-509 - Crude Oil Storage Tank			9.59	34	70
EQT010	T-510 - Crude Oil Storage Tank			9.59	34	70
EQT011	T-511 - Crude Oil Storage Tank			9.59	34	70
EQT012	T-512 - Crude Oil Storage Tank			7.85	30	70
EQT013	T-513 - Crude Oil Storage Tank			7.85	30	70
EQT014	T-514 - Crude Oil Storage Tank			7.85	30	70
EQT015	T-515 - Crude Oil Storage Tank			7.85	30	70
EQT016	T-516 - Crude Oil Storage Tank			7.85	30	70
EQT017	T-517 - Crude Oil Storage Tank			7.85	30	70
EQT018	T-518 - Crude Oil Storage Tank			9.59	34	70

INVENTORIES
AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
Activity Number: PER20060001
Permit Number: 2560-00041-V1
Air - Title V Regular Permit Renewal

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
EQT019 T-519 - Crude Oil Storage Tank				9.59	34	70
EQT020 T-520 - Crude Oil Storage Tank				8.51	34	70
EQT021 T-500 - Crude Oil Storage Tank				9.59	30	70
EQT022 T-501 - Crude Oil Storage Tank				5.56	30	70
EQT024 121 - Sump			.33		1	70
EQT025 122 - Sump			.33		1	70
EQT026 123 - Sump			.33		20	70
EQT027 124 - Sump			.33		20	70
EQT028 GEN-1 - Generator Engine	132.73	1103	.42		8	800
EQT029 GEN-2 - Generator Engine	58.53	690	.5		9	800

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
GRP001			1364 - Crude Oil Pipeline - Facility with Over 500,000 BBLS Storage Capacity

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
 Activity Number: PER20060001
 Permit Number: 2560-000041-V1
 Air - Title V Regular Permit Renewal

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 002 T-502															8.28
EQT 003 T-503															3.90
EQT 004 T-502															8.28
EQT 005 T-505															7.71
EQT 006 T-506															7.71
EQT 007 T-507															8.28
EQT 008 T-508															8.28
EQT 009 T-509															7.71
EQT 010 T-510															8.28
EQT 011 T-511															8.28
EQT 012 T-512															9.23
EQT 013 T-513															9.80
EQT 014 T-514															9.80
EQT 015 T-515															9.80
EQT 016 T-516															9.80
EQT 017 T-517															9.80
EQT 018 T-518															7.71
EQT 019 T-519															8.28

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
 Activity Number: PER20060001
 Permit Number: 2560-000041-V1
 Air - Title V Regular Permit Renewal

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 020 T-520													<	0.01	
EQT 021 T-500													8.28		
EQT 022 T-501													3.89		
EQT 024 121													0.09	0.09	0.38
EQT 025 122													0.09	0.09	0.38
EQT 026 123													0.13	0.13	0.58
EQT 027 124													0.13	0.13	0.58
EQT 028 GEN-1	0.84	0.84	0.30	0.78	0.78	0.28	11.78	11.78	4.24	2.54	2.54	0.92	0.82	0.82	0.30
EQT 029 GEN-2	0.02	0.02	0.01	< 0.01	< 0.01	< 0.01	3.76	3.76	1.36	6.33	6.33	2.28	0.05	0.05	0.02
FUG 001 FE-1													0.42	0.42	1.84
GRP 001													25.63	112.26	
GRP 002													4.81	21.07	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 0.31 tons/yr
 SO₂: 0.28 tons/yr
 NOx: 5.60 tons/yr
 CO: 3.20 tons/yr
 VOC: 137.41 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
 Activity Number: PER20060001
 Permit Number: 2560-00041-V1
 Air - Title V Regular Permit Renewal

All phases

		Benzene			Ethyl benzene			Toluene			Xylene (mixed isomers)			n-Hexane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	
EQT 002 T-502	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.18	
EQT 003 T-503	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.09	
EQT 004 T-502	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.18	
EQT 005 T-505	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.16	
EQT 006 T-506	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.16	
EQT 007 T-507	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.18	
EQT 008 T-508	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.18	
EQT 009 T-509	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.16	
EQT 010 T-510	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.18	
EQT 011 T-511	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.18	
EQT 012 T-512	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.18	
EQT 013 T-513	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.21	
EQT 014 T-514	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.21	
EQT 015 T-515	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.21	
EQT 016 T-516	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.21	
EQT 017 T-517	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.21	
EQT 018 T-518	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.16	
EQT 019 T-519	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		0.18	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 9292 - Shell Pipeline Co L.P. - St James Capline Pipeline Station

Activity Number: PER20060001

Permit Number: 2560-00041-V1

Air - Title V Regular Permit Renewal

All phases

		Benzene			Ethyl benzene			Toluene			Xylene (mixed isomers)			n-Hexane				
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 020 T-520	< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01	
EQT 021 T-500	< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01	
EQT 022 T-501	< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01	
EQT 024 121	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
EQT 025 122	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
EQT 026 123	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
EQT 027 124	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
FUG 001 FE-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
GRP 001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
GRP 002	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

Benzene: 0.01 tons/yr

Ethyl benzene: 0.01 tons/yr

n-Hexane: 3.82 tons/yr

Toluene: 0.03 tons/yr

Xylene (mixed isomers): 0.03 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS**All ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station****Activity Number: PER20060001****Permit Number: 2560-00041-V1****Air - Title V Regular Permit Renewal****EQR003 T-503 - Crude Oil Storage Tank**

- 1 Equip with a submerged fill pipe. [LAC 33.III.2103.B]
- 2 Seal closure devices required in LAC 33.III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33.III.2103.D.2.a]
- 3 Seal closure devices required in LAC 33.III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33.III.2103.D.2.b]
- 4 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm^2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33.III.2103.D.2.c]
 - Which Months: All Year Statistical Basis: None specified
- 5 Seal gap area <= 10 in^2/ft of tank diameter (65 cm^2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33.III.2103.D.2.d]
 - Which Months: All Year Statistical Basis: None specified
- 6 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannualy. [LAC 33.III.2103.D.2.e]
 - Which Months: All Year Statistical Basis: None specified
- 7 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33.III.2103.D.2.e]
 - Which Months: All Year Statistical Basis: None specified
- 8 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33.III.2103.D.2.e]
 - Which Months: All Year Statistical Basis: None specified
- 9 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33.III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33.III.2103.D.2. [LAC 33.III.2103.D.2.e]
 - Which Months: All Year Statistical Basis: None specified
- 10 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33.III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33.III.2103.D.2.e]
- 11 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33.III.2103.D.3]
- 12 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33.III.2103.D]
- 13 Determine compliance with LAC 33.III.2103.D.2 and 4 using the methods in LAC 33.III.2103.H.1. [LAC 33.III.2103.H.1]
- 14 Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a-e. [LAC 33.III.2103.H.3]
- 15 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33.III.2103.I.1 - 7, as applicable. [LAC 33.III.2103.I]

EQR004 T-504 - Crude Oil Storage Tank

- 16 Equip with a submerged fill pipe. [LAC 33.III.2103.B]
- 17 Seal closure devices required in LAC 33.III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33.III.2103.D.2.a]
- 18 Seal closure devices required in LAC 33.III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33.III.2103.D.2.b]

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station

Activity Number: PER20060001

Permit Number: 2560-00041-V1

Air - Title V Regular Permit Renewal

EQT004 **T-504 - Crude Oil Storage Tank**

- 19 Seal gap area $\leq 1 \text{ in}^2/\text{ft}$ of tank diameter (6.5 cm $^2/0.3 \text{ m}$), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
Which Months: All Year Statistical Basis: None specified
- 20 Seal gap area $\leq 10 \text{ in}^2/\text{ft}$ of tank diameter (65 cm $^2/0.3 \text{ m}$), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
Which Months: All Year Statistical Basis: None specified
- 21 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- 22 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- 23 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 24 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 25 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 26 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 27 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 28 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 29 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 30 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]

EQT005 **T-505 - Crude Oil Storage Tank**

- 31 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 32 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 33 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 34 Seal gap area $\leq 1 \text{ in}^2/\text{ft}$ of tank diameter (6.5 cm $^2/0.3 \text{ m}$), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
Which Months: All Year Statistical Basis: None specified
- 35 Seal gap area $\leq 10 \text{ in}^2/\text{ft}$ of tank diameter (65 cm $^2/0.3 \text{ m}$), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station****Activity Number: PER20060001****Permit Number: 2560-00041-V1****Air - Title V Regular Permit Renewal****EQT005 T-505 - Crude Oil Storage Tank**

- 36 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 37 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 38 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 39 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 40 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 41 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 42 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 43 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 44 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 45 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
- 46 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]
- 47 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

EQT006 T-506 - Crude Oil Storage Tank

- 48 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 49 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
 Which Months: All Year Statistical Basis: None specified
- 50 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 51 Seal gap area $\leq 1 \text{ in}^2/\text{ft}$ of tank diameter ($6.5 \text{ cm}^2/0.3 \text{ m}$), for gaps between the secondary seal and tank wall that exceed $1/8 \text{ inch}$ (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
 Which Months: All Year Statistical Basis: None specified
- 52 Seal gap area $\leq 10 \text{ in}^2/\text{ft}$ of tank diameter ($65 \text{ cm}^2/0.3 \text{ m}$), for gaps between the primary seal and tank wall that exceed $1/8 \text{ inch}$ (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
 Which Months: All Year Statistical Basis: None specified
- 53 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station

Activity Number: PER20060001

Permit Number: 2560-00041-V1

Air - Title V Regular Permit Renewal

EQT006 T-506 - Crude Oil Storage Tank

- 54 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified
- 55 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified
- 56 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 57 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 58 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 59 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 60 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 61 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 62 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
- 63 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]
- 64 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

EQT007 T-507 - Crude Oil Storage Tank

- 65 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 66 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 67 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 68 Seal gap area \leq 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
Which Months: All Year Statistical Basis: None specified
- 69 Seal gap area \leq 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
Which Months: All Year Statistical Basis: None specified
- 70 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified
- 71 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station

Activity Number: PER20060001

Permit Number: 2560-00041-V1

Air - Title V Regular Permit Renewal

EQT007 **T-507 - Crude Oil Storage Tank**

72 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified

73 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]

74 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]

75 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]

76 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]

77 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]

78 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

79 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

80 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]

81 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

EQT008 **T-508 - Crude Oil Storage Tank**

82 Equip with a submerged fill pipe. [LAC 33:III.2103.B]

83 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]

84 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]

85 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
 Which Months: All Year Statistical Basis: None specified

86 Seal gap area <= 10 in^2/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
 Which Months: All Year Statistical Basis: None specified

87 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified

88 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified

89 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station****Activity Number: PER20060001****Permit Number: 2560-00041-V1****Air - Title V Regular Permit Renewal****EQT008 T-508 - Crude Oil Storage Tank**

- 90 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33.III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33.III.2103.D.2. [LAC 33.III.2103.D.2.e]
- 91 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33.III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 92 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 93 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 94 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 95 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3 a-e. [LAC 33:III.2103.H.3]
- 96 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33.III.2103.I.1 - 7, as applicable. [LAC 33.III.2103.I]
- 97 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]
- 98 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

EQT009 T-509 - Crude Oil Storage Tank

- 99 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 100 Seal closure devices required in LAC 33.III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 101 Seal closure devices required in LAC 33.III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 102 Seal gap area <= 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
- Which Months: All Year Statistical Basis: None specified
- 103 Seal gap area <= 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
- Which Months: All Year Statistical Basis: None specified
- 104 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 105 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 106 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
Activity Number: PER20060001
Permit Number: 2560-00041-V1
Air - Title V Regular Permit Renewal

EQT009 T-509 - Crude Oil Storage Tank

- 107 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 108 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103.D.2.e]
- 109 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set trim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 110 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary seal) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 111 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 112 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 113 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.]
- 114 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]
- 115 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

EQT010 T-510 - Crude Oil Storage Tank

- 116 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 117 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 118 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 119 Seal gap area <= 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
 Which Months: All Year Statistical Basis: None specified
- 120 Seal gap area <= 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
 Which Months: All Year Statistical Basis: None specified
- 121 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 122 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 123 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station****Activity Number: PER20060001****Permit Number: 2560-00041-V1****Air - Title V Regular Permit Renewal****EQT010 T-510 - Crude Oil Storage Tank**

- 124 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 125 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 126 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 127 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 128 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 129 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 130 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
- 131 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]
- 132 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

EQT011 T-511 - Crude Oil Storage Tank

- 133 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 134 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 135 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 136 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm^2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
- Which Months: All Year Statistical Basis: None specified
- 137 Seal gap area <= 10 in^2/ft of tank diameter (65 cm^2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
- Which Months: All Year Statistical Basis: None specified
- 138 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 139 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 140 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station****Activity Number: PER20060001****Permit Number: 2560-00041-V1****Air - Title V Regular Permit Renewal****EQT011 Crude Oil Storage Tank**

- 141 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2.103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 142 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 143 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 144 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 145 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 146 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 147 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.J]
- 148 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]
- 149 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

EQT012 Crude Oil Storage Tank

- 150 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 151 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 152 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 153 Seal gap area <= 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
- Which Months: All Year Statistical Basis: None specified
- 154 Seal gap area <= 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
- Which Months: All Year Statistical Basis: None specified
- 155 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 156 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 157 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
 Activity Number: PER20060001
 Permit Number: 2560-00041-V1
 Air - Title V Regular Permit Renewal

EQR012 T-512 - Crude Oil Storage Tank

- 158 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 159 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 160 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 161 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 162 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 163 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 164 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT013 T-513 - Crude Oil Storage Tank

- 165 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 166 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 167 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 168 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
- Which Months: All Year Statistical Basis: None specified
- 169 Seal gap area <= 10 in^2/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
- Which Months: All Year Statistical Basis: None specified
- 170 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 171 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 172 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 173 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 174 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station

Activity Number: PER20060001

Permit Number: 2560-00041-V1

Air - Title V Regular Permit Renewal

EQT013 T-513 - Crude Oil Storage Tank

- 175 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 176 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary seal) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 177 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 178 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a.e. [LAC 33:III.2103.H.3]
- 179 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT014 T-514 - Crude Oil Storage Tank

- 180 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 181 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 182 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 183 Seal gap area $\leq 1 \text{ in}^2/\text{ft}$ of tank diameter ($6.5 \text{ cm}^2/0.3 \text{ m}$), for gaps between the secondary seal and tank wall that exceed $1/8$ inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
- Which Months: All Year Statistical Basis: None specified
- 184 Seal gap area $\leq 10 \text{ in}^2/\text{ft}$ of tank diameter ($65 \text{ cm}^2/0.3 \text{ m}$), for gaps between the primary seal and tank wall that exceed $1/8$ inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
- Which Months: All Year Statistical Basis: None specified
- 185 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 186 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 187 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 188 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 189 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 190 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]

SPECIFIC REQUIREMENTS**AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station****Activity Number: PER20060001****Permit Number: 2560-00041-V1****Air - Title V Regular Permit Renewal****EQT014 T-514 - Crude Oil Storage Tank**

- 191 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 192 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 193 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 194 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT015 T-515 - Crude Oil Storage Tank

- 195 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 196 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 197 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 198 Seal gap area <= 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
- 199 Seal gap area <= 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
- Which Months: All Year Statistical Basis: None specified
- Which Months: All Year Statistical Basis: None specified
- 200 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 201 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 202 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 203 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 204 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 205 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 206 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 207 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 208 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
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Air - Title V Regular Permit Renewal

EQT015 T-515 - Crude Oil Storage Tank

209 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT016 T-516 - Crude Oil Storage Tank

- 210 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 211 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 212 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 213 Seal gap area <= 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
 - Which Months: All Year Statistical Basis: None specified
- 214 Seal gap area <= 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
 - Which Months: All Year Statistical Basis: None specified
- 215 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
 - Which Months: All Year Statistical Basis: None specified
- 216 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 - Which Months: All Year Statistical Basis: None specified
- 217 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 - Which Months: All Year Statistical Basis: None specified
- 218 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 219 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
 - 220 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 221 Equip with an external floating roof consisting of a pontoon type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
 - 222 Determine compliance with LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
 - 223 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
 - 224 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT017 T-517 - Crude Oil Storage Tank

225 Equip with a submerged fill pipe. [LAC 33:III.2103.B]

SPECIFIC REQUIREMENTS

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EQT017 T-517 - Crude Oil Storage Tank

- 226 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 227 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 228 Seal gap area <= 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
 Which Months: All Year Statistical Basis: None specified
- 229 Seal gap area <= 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
 Which Months: All Year Statistical Basis: None specified
- 230 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 231 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 232 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 233 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 234 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 235 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 236 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary seal) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 237 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 238 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 239 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]

EQT018 T-518 - Crude Oil Storage Tank

- 240 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 241 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 242 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 243 Seal gap area <= 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
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EQT018 T-518 - Crude Oil Storage Tank

- 244 Seal gap area \leq 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
 Which Months: All Year Statistical Basis: None specified
- 245 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 246 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 247 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 248 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 249 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 250 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 251 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 252 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 253 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 254 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
- 255 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]
- 256 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

EQT019 T-519 - Crude Oil Storage Tank

- 257 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 258 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
 Which Months: All Year Statistical Basis: None specified
- 259 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 260 Seal gap area \leq 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
 Which Months: All Year Statistical Basis: None specified
- 261 Seal gap area \leq 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station

Activity Number: PER20060001

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T-519 - Crude Oil Storage Tank

- 262 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified
- 263 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified
- 264 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- 265 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 266 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 267 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 268 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 269 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 270 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 271 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
- 272 Equip with a floating roof, a vapor recovery system, or their equivalents. Subpart K. [40 CFR 60.112(a)(1)]
- 273 Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K. [40 CFR 60.113]

T-520 - Crude Oil Storage Tank

- 274 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 275 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
Which Months: All Year Statistical Basis: None specified
- 276 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 277 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
Which Months: All Year Statistical Basis: None specified
- 278 Seal gap area <= 10 in^2/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
Which Months: All Year Statistical Basis: None specified
- 279 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
Activity Number: PER20060001
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EQT020 T-520 - Crude Oil Storage Tank

- 280 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 281 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
 Which Months: All Year Statistical Basis: None specified
- 282 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 283 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 284 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 285 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 286 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 287 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 288 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.]
- 289 Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
- 290 Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
- 291 Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station****Activity Number: PER20060001****Permit Number: 2560-000041-V1****Air - Title V Regular Permit Renewal****EQT020 T-520 - Crude Oil Storage Tank**

- 292 Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the secondary seal and the wall of the storage vessel within 60 days of the initial fill with VOL and at least once per year thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(ii)]
- Which Months: All Year Statistical Basis: None specified
- 293 Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in 40 CFR 60.113b(b)(4). Subpart Kb. [40 CFR 60.113b(b)(3)]
- 294 Seal gap area $\leq 212 \text{ cm}^2/\text{m}$ of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]
- Which Months: All Year Statistical Basis: None specified
- 295 Seal gap width $\leq 3.81 \text{ cm}$ for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)]
- Which Months: All Year Statistical Basis: None specified
- 296 One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]
- 297 There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
- 298 Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
- 299 Seal gap area $\leq 21.2 \text{ cm}^2/\text{m}$ of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]
- Which Months: All Year Statistical Basis: None specified
- 300 Seal gap width $\leq 1.27 \text{ cm}$ for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)]
- Which Months: All Year Statistical Basis: None specified
- 301 There are to be no holes, tears, or other openings in the secondary seal or seal fabric. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(C)]
- 302 Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
- 303 Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
- 304 If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
- 305 Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(b)(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
- 306 Tank roof and seals monitored by visual inspection/determination at the regulations specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
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EQT020 T-520 - Crude Oil Storage Tank

- 307 Submit a report. Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
- 308 Submit a report. Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]
- 309 Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
- 310 Submit a report. Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
- 311 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 312 VOL storage data recordkeeping by electronic or hard copy continuously. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
- 313 Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
- 314 Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)]
- Which Months: All Year Statistical Basis: None specified
- EQT021 T-500 - Crude Oil Storage Tank**
- 315 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 316 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 317 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 318 Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm^2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
- Which Months: All Year Statistical Basis: None specified
- 319 Seal gap area <= 10 in^2/ft of tank diameter (65 cm^2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
- Which Months: All Year Statistical Basis: None specified
- 320 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 321 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 322 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station

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EQT021 T-500 - Crude Oil Storage Tank

- 323 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 324 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]
- 325 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]
- 326 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]
- 327 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]
- 328 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]
- 329 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT022 T-501 - Crude Oil Storage Tank

- 330 Equip with a submerged fill pipe. [LAC 33:III.2103.B]
- 331 Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric. [LAC 33:III.2103.D.2.a]
- 332 Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall. [LAC 33:III.2103.D.2.b]
- 333 Seal gap area <= 1 in²/ft of tank diameter (6.5 cm²/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.c]
- Which Months: All Year Statistical Basis: None specified
- 334 Seal gap area <= 10 in²/ft of tank diameter (65 cm²/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. [LAC 33:III.2103.D.2.d]
- Which Months: All Year Statistical Basis: None specified
- 335 Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 336 Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 337 Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. [LAC 33:III.2103.D.2.e]
- Which Months: All Year Statistical Basis: None specified
- 338 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2. [LAC 33:III.2103.D.2.e]
- 339 Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts. [LAC 33:III.2103.D.2.e]

SPECIFIC REQUIREMENTS

AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station

Activity Number: PER20060001

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Air - Title V Regular Permit Renewal

EQT022 T-501 - Crude Oil Storage Tank

340 Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening. [LAC 33:III.2103.D.3]

341 Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary seal) extending from the floating roof to the tank wall. [LAC 33:III.2103.D]

342 Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1. [LAC 33:III.2103.H.1]

343 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

344 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.]

EQT028 GEN-1 - Generator Engine

345 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

346 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

347 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT029 GEN-2 - Generator Engine

348 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

349 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

350 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

FUG001 FE-1 - Fugitive Emissions

SPECIFIC REQUIREMENTS**AI ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station**

Activity Number: PER20060001
Permit Number: 2560-00041-V1
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FUG001 **FE-1 - Fugitive Emissions**

351 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

GRP001 **Crude Oil Storage Tanks Cap 1**

352 Crude Oil Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total crude oil throughput each month, as well as the total crude oil throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
 353 Crude Oil Throughput monitored by technically sound method continuously. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Monthly total
 354 Crude Oil Throughput <= 456.25 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if crude oil throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
 355 Throughput of Crude Oil Submit report: Due annually, by the 31st of March. Report the crude oil throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

GRP002 **Crude Oil Storage Tanks Cap 2**

356 Crude Oil Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total crude oil throughput each month, as well as the total crude oil throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
 357 Crude Oil Throughput monitored by technically sound method continuously. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Monthly total
 358 Throughput <= 109.5 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if crude oil throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
 359 Throughput of Crude Oil - Submit report: Due annually, by the 31st of March. Report the crude oil throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

GRP003 **St. James Capline Terminal**

360 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]
 361 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]
 362 Benzene <= 0.01 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
 363 Carbon monoxide <= 3.20 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
 364 Nitrogen oxides <= 5.60 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

A1 ID: 9292 - Shell Pipeline Co LP - St James Capline Pipeline Station
Activity Number: PER20060001
Permit Number: 2560-00041-V1
Air - Title V Regular Permit Renewal

GRP003 St. James Capline Terminal

- 365 Particulate matter (10 microns or less) <= 0.31 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 366 Sulfur dioxide <= 0.28 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 367 VOC, Total <= 137.41 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 368 n-Hexane <= 3.82 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 369 Ethylbenzene <= 0.01 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 370 Toluene <= 0.03 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 371 Xylene (mixed isomers) <= 0.03 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 372 Any major source as defined in LAC 33:III.502 is designated a Part 70 source and is required to obtain a permit which will meet the requirements of LAC 33:III.507. [LAC 33:III.507.A.1.a]
- 373 Any permit application to renew an existing permit shall be submitted at least six months prior to the date of permit expiration, or at such earlier time as may be required by the existing permit or approved by the permitting authority. In no event shall the application for permit renewal be submitted more than 18 months before the date of permit expiration. [LAC 33:III.507.E.4]
- 374 Any application form, report, or compliance certification submitted under this Chapter shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information contained in the application are true, accurate, and complete. [LAC 33:III.517.B.1]
- 375 Submit supplementary facts or corrected information: Due promptly upon becoming aware of failure to submit or incorrect submittal regarding permit applications. In addition, provide information as necessary to address any requirements that become applicable to the source after the date of filing a complete application but prior to release of a proposed permit. [LAC 33:III.517.C]
- 376 In addition to those elements listed under LAC 33:III.517.D, include in each application pertaining to a Part 70 source the information specified in LAC 33:III.517.E, Subparagraphs 1-8. [LAC 33:III.517.E]
- 377 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
- 378 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]
- 379 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]
- 380 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]